

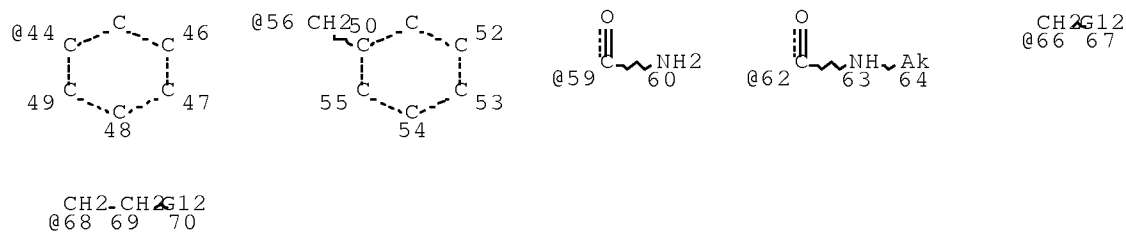
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FILE LAST UPDATED: 25 Nov 2008 (20081125/ED)

<http://www.cas.org/legal/infopolicy.html>

L1	STR
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Page 2-A

VAR G1=23-2 25-3/25-2 23-3/18-2 22-3

REP G2=(0-2) A

REP G4=(0-2) CH2

REP G5=(0-6) A

VAR G6=ME/CL

VAR G7=30/33

VAR G8=H/37/CF3/38/39/41/42/44/56

VAR G9=H/ME/X

VAR G10=NH2/57

VAR G11=37/38/59/62/44/41/66/68

VAR G12=38/59/62/44/41

NODE ATTRIBUTES:

CONNECT IS E2 RC AT 8

CONNECT IS E1 RC AT 37

CONNECT IS E1 RC AT 38

CONNECT IS E2 RC AT 39

CONNECT IS E1 RC AT 40

CONNECT IS E1 RC AT 64

DEFAULT MLEVEL IS ATOM

GGCAT IS UNS AT 27

GGCAT IS UNS AT 29

GGCAT IS SAT AT 37

GGCAT IS SAT AT 38

GGCAT IS LIN SAT AT 39

GGCAT IS SAT AT 40

GGCAT IS UNS AT 41

GGCAT IS UNS AT 43

GGCAT IS SAT AT 64

DEFAULT ECLEVEL IS LIMITED

ECOUNT IS X2 C AT 39

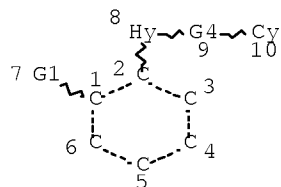
GRAPH ATTRIBUTES:

RSPEC 44 50

NUMBER OF NODES IS 70

STEREO ATTRIBUTES: NONE

L2 STR



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 CONNECT IS E2 RC AT 3  
 DEFAULT MLEVEL IS ATOM  
 GGCAT IS PCY UNS AT 8  
 GGCAT IS UNS AT 10  
 DEFAULT ECLEVEL IS LIMITED

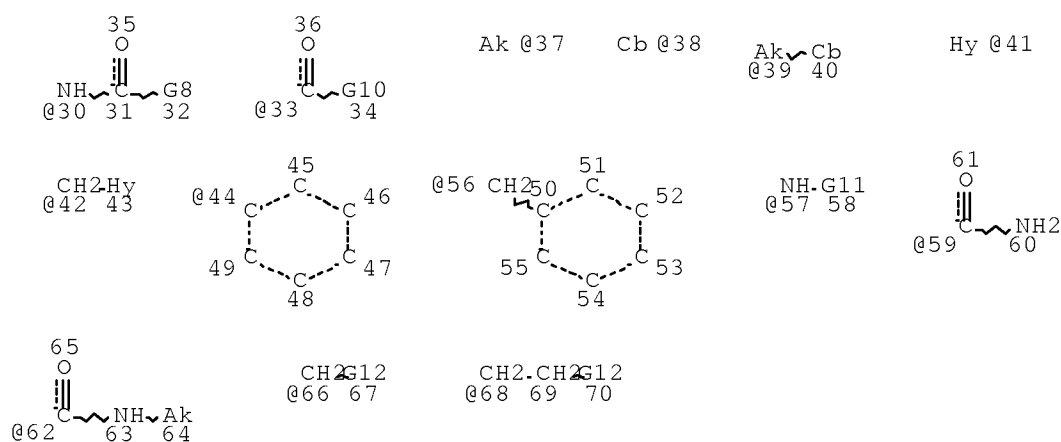
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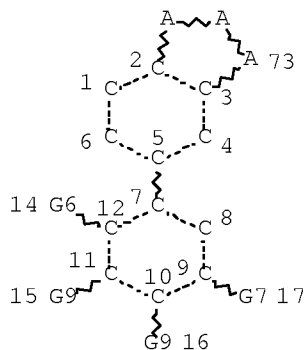
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L6 STR



71 72

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VAR G6=ME/CL  
VAR G7=30/33  
VAR G8=H/37/CF3/38/39/41/42/44/56  
VAR G9=H/ME/X  
VAR G10=NH2/57  
VAR G11=37/38/59/62/44/41/66/68  
VAR G12=38/59/62/44/41

## NODE ATTRIBUTES:

CONNECT IS E2 RC AT 8  
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CONNECT IS E2 RC AT 39  
CONNECT IS E1 RC AT 40  
CONNECT IS E1 RC AT 64  
DEFAULT MLEVEL IS ATOM  
GGCAT IS SAT AT 37  
GGCAT IS SAT AT 38  
GGCAT IS LIN SAT AT 39  
GGCAT IS SAT AT 40  
GGCAT IS UNS AT 41  
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GGCAT IS SAT AT 64  
DEFAULT ECLEVEL IS LIMITED  
ECOUNT IS X2 C AT 39

## GRAPH ATTRIBUTES:

RSPEC 44 50  
NUMBER OF NODES IS 60

## STEREO ATTRIBUTES: NONE

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L9 4 SEA FILE=CAPLUS ABB=ON PLU=ON L8

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MOST RECENT UPDATE: 200875 <200875/DW>  
DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE  
>>> Now containing more than 1.2 million chemical structures in DCR <<<

>>> IPC Reform backfile reclassifications have been loaded to end of  
September 2008. No update date (UP) has been created for the  
reclassified documents, but they can be identified by 20060101/UPIC,  
and 20061231/UPIC, 20070601/UPIC, 20071001/UPIC, 20071130/UPIC,  
20080401/UPIC, 20080701/UPIC and 20081001/UPIC.  
ECLA reclassifications to mid August and US national classification  
mid September 2008 have also been loaded. Update dates 20080401,  
20080701 and 20081001/UPEC and /UPNC have been assigned to these. <<

FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE,  
PLEASE VISIT:  
[http://www.stn-international.de/training\\_center/patents/stn\\_guide.pdf](http://www.stn-international.de/training_center/patents/stn_guide.pdf)

FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES, SEE  
<http://scientific.thomsonreuters.com/support/patents/coverage/latestupdates/>

EXPLORE DERWENT WORLD PATENTS INDEX IN STN ANAVIST, VERSION 2.0:

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100	100	100



CONNECT IS E1 RC AT 37

```

CONNECT IS E1  RC AT  38
CONNECT IS E2  RC AT  39
CONNECT IS E1  RC AT  40
CONNECT IS E1  RC AT  64
DEFAULT MLEVEL IS ATOM
GGCAT  IS UNS  AT  27
GGCAT  IS UNS  AT  29
GGCAT  IS SAT  AT  37
GGCAT  IS SAT  AT  38
GGCAT  IS LIN  SAT  AT  39
GGCAT  IS SAT  AT  40
GGCAT  IS UNS  AT  41
GGCAT  IS UNS  AT  43
GGCAT  IS SAT  AT  64
DEFAULT ECLEVEL IS LIMITED
ECOUNT  IS X2 C  AT  39

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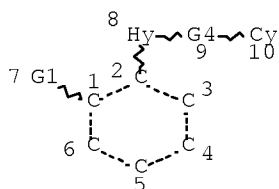
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RSPEC 44 50

NUMBER OF NODES IS 70

STEREO ATTRIBUTES: NONE

L2 STR



VAR G1=ME/CL

REP G4=(0-2) CH2

NODE ATTRIBUTES:

```
CONNECT IS E2  RC AT  3
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DEFAULT MLEVEL IS ATOM

```
GGCAT  IS PCY  UNS  AT  8
```

```
GGCAT  IS UNS  AT  10
```

DEFAULT ECLEVEL IS LIMITED

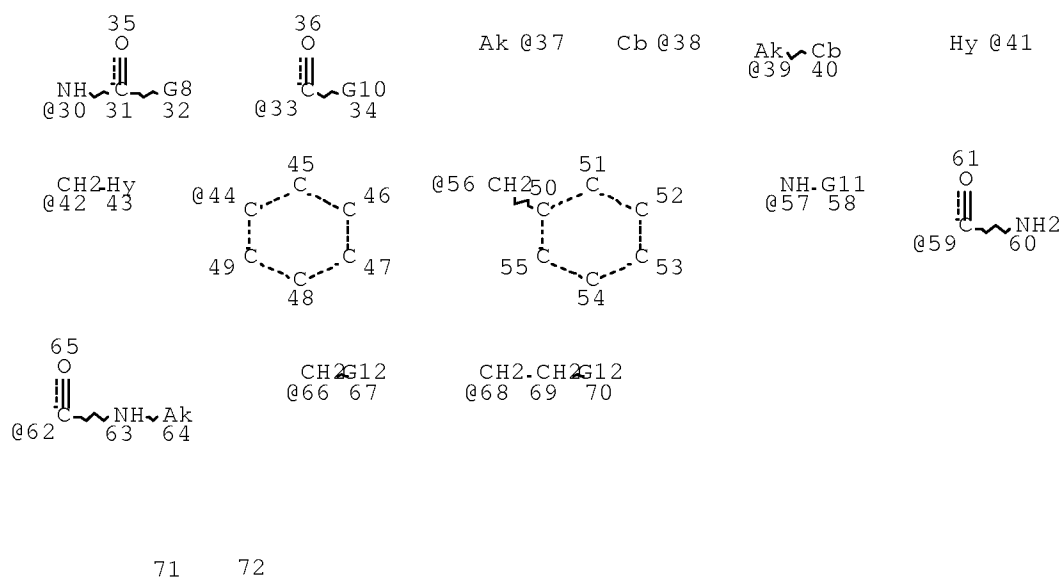
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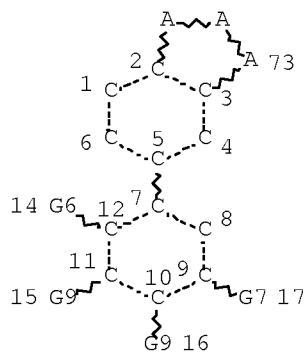
NUMBER OF NODES IS 10

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L6 STR



Page 1-A



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VAR G6=ME/CL
VAR G7=30/33
VAR G8=H/37/CF3/38/39/41/42/44/56
VAR G9=H/ME/X
VAR G10=NH2/57
VAR G11=37/38/59/62/44/41/66/68
VAR G12=38/59/62/44/41
NODE ATTRIBUTES:
CONNECT IS E2 RC AT 8
CONNECT IS E1 RC AT 37
CONNECT IS E1 RC AT 38
CONNECT IS E2 RC AT 39
CONNECT IS E1 RC AT 40
CONNECT IS E1 RC AT 64
DEFAULT MLEVEL IS ATOM
GGCAT IS SAT AT 37
GGCAT IS SAT AT 38
GGCAT IS LIN SAT AT 39

```

GGCAT IS SAT AT 40  
 GGCAT IS UNS AT 41  
 GGCAT IS UNS AT 43  
 GGCAT IS SAT AT 64  
 DEFAULT ECLEVEL IS LIMITED  
 ECOUNT IS X2 C AT 39

GRAPH ATTRIBUTES:  
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 NUMBER OF NODES IS 60

STEREO ATTRIBUTES: NONE  
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L22 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 1  
 ACCESSION NUMBER: 2007:14480 CAPLUS Full-text  
 DOCUMENT NUMBER: 146:121821  
 TITLE: Preparation of bicyclic derivatives as p38 kinase inhibitors  
 INVENTOR(S): Almansa Rosales, Carmen; Virgili Bernado, Marina  
 PATENT ASSIGNEE(S): J. Uriach y Compania S.A., Spain  
 SOURCE: PCT Int. Appl., 80pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

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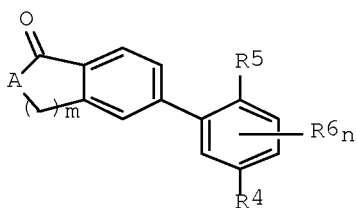
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EP 1917241	A2	20080507	EP 2006-776093	20060628

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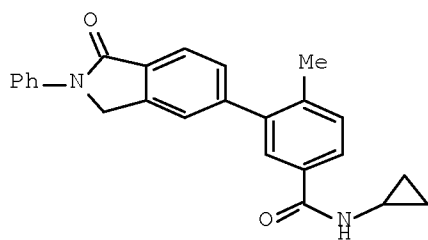
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KR 2008028870	A	20080402	KR 2007-729139	20071213
CN 101208301	A	20080625	CN 2006-80023005	20071226
IN 2007CN06046	A	20080613	IN 2007-CN6046	20071231

PRIORITY APPLN. INFO.: EP 2005-380140 A 20050629  
WO 2006-EP6255 W 20060628

OTHER SOURCE(S): MARPAT 146:121821  
GI



I



II

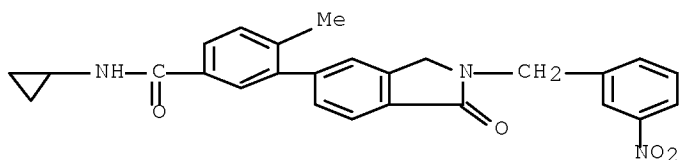
AB Title compds. represented by the formula I [wherein A = CR<sub>1</sub>R<sub>2</sub> or NR<sub>3</sub>; R<sub>1</sub>, R<sub>2</sub> = alkyl; R<sub>3</sub>, R<sub>8</sub> = independently -(CH<sub>2</sub>)<sub>p</sub>-Cyl or (un)substituted alkyl; m = 1 or 2; R<sub>4</sub> = -B-R<sub>8</sub>; R<sub>5</sub> = H, halo, alkyl or alkoxy; R<sub>6</sub> = halo or Me; p = 0-2; Cyl = (un)substituted Ph, heteroaryl, cycloalkyl or heterocyclyl; B = -CONR<sub>9</sub>-, -NR<sub>9</sub>CO- or -NR<sub>9</sub>CONR<sub>9</sub>-; R<sub>9</sub> = H or alkyl; or salts thereof] were prepared as p38 kinase inhibitors. For example, II was provided in a multi-step synthesis starting from 4-bromo-2-methylbenzoic acid. I showed more than 50 % inhibition for p38 $\alpha$  enzyme activity at 10  $\mu$ M. Thus, I are useful for the treatment of p38 kinase mediated diseases, such as immune diseases.

IT 918332-35-1P, N-Cyclopropyl-4-methyl-3-[2-(3-nitrobenzyl)-1-oxo-2,3-dihydroisoindolin-5-yl]benzamide 918332-61-3P, 3-[2-(3-Aminobenzyl)-1-oxo-2,3-dihydroisoindolin-5-yl]-N-cyclopropyl-4-methylbenzamide

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of bicyclic derivs. as p38 kinase inhibitors)

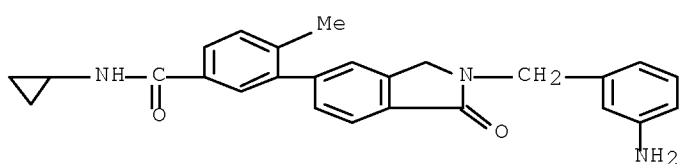
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RN 918332-61-3 CAPLUS

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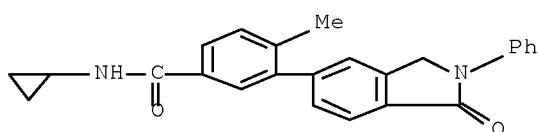
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 3-(2-Benzyl-1-oxo-2,3-dihydroisoindolin-5-yl)-N-(cyclopropylmethyl)-4-methylbenzamide 918332-07-7P,  
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 N-Cyclopropyl-3-[2-(5-chloro-2-hydroxyphenyl)-1-oxo-2,3-dihydroisoindolin-5-yl]-4-methylbenzamide 918332-15-7P,  
 N-Cyclopropyl-3-[2-(4-chloro-2-hydroxyphenyl)-1-oxo-2,3-dihydroisoindolin-5-yl]-4-methylbenzamide 918332-34-0P,  
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 N-[4-Methyl-3-(1-oxo-2-phenyl-2,3-dihydroisoindolin-5-yl)phenyl]furan-3-carboxamide 918332-62-4P,  
 N-Cyclopropyl-3-[2-[3-[(methylsulfonyl)amino]benzyl]-1-oxo-2,3-dihydroisoindolin-5-yl]-4-methylbenzamide  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of bicyclic derivs. as p38 kinase inhibitors)

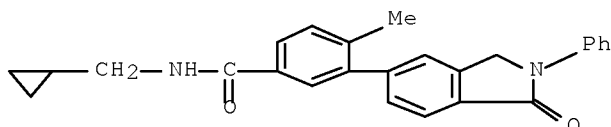
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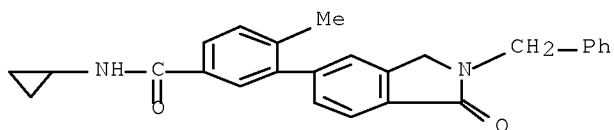
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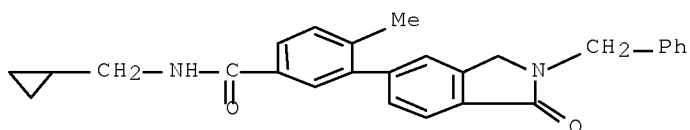
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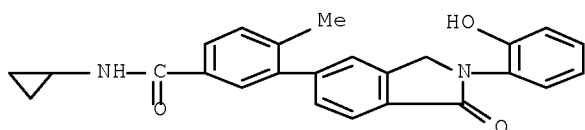
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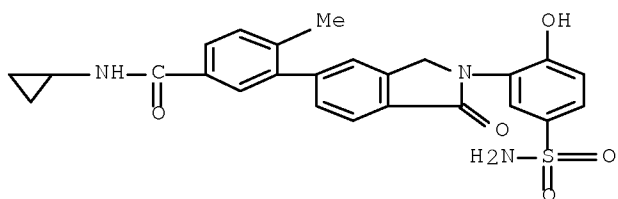
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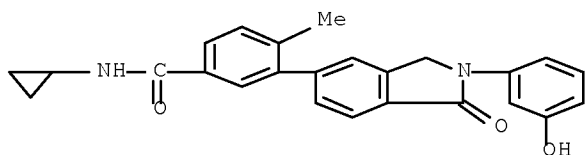
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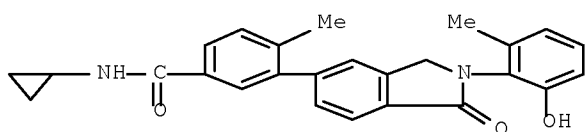
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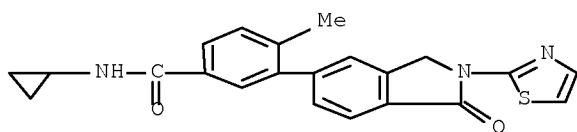
RN 918332-10-2 CAPLUS

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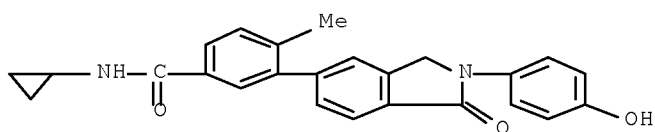
RN 918332-11-3 CAPLUS

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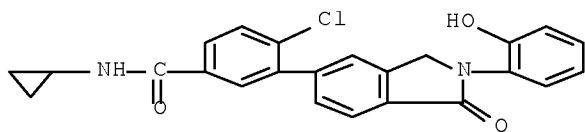
RN 918332-12-4 CAPLUS

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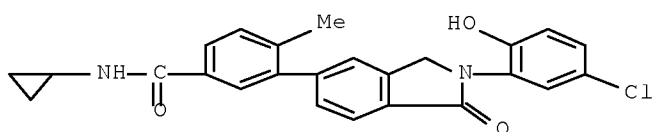
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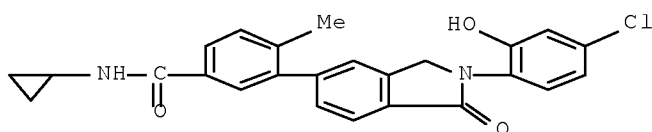
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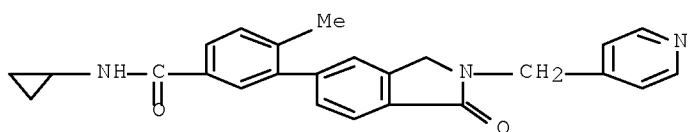
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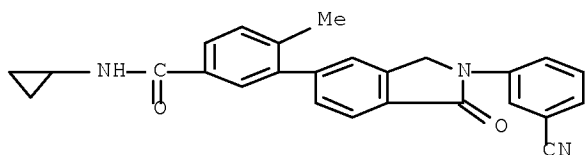
RN 918332-34-0 CAPLUS

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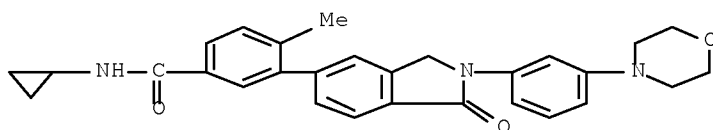
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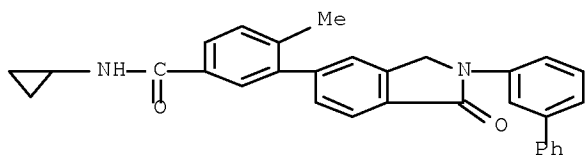
RN 918332-37-3 CAPLUS

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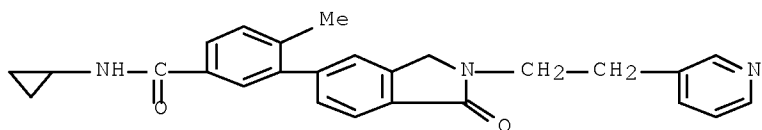
RN 918332-38-4 CAPLUS

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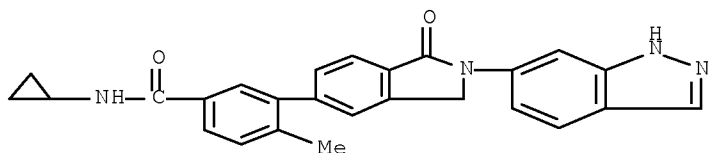
RN 918332-41-9 CAPLUS

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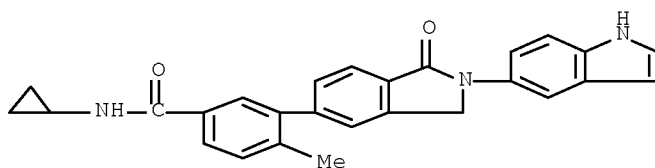
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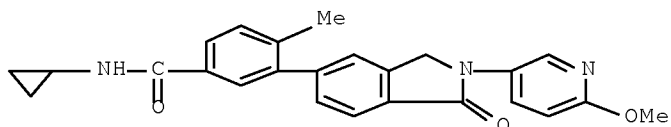
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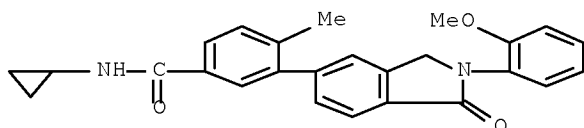
RN 918332-45-3 CAPLUS

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RN 918332-47-5 CAPLUS

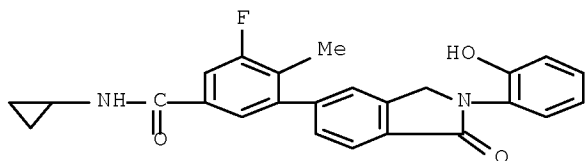
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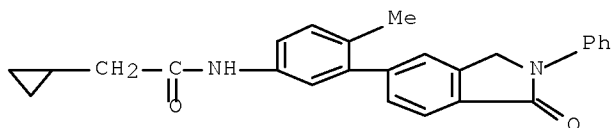
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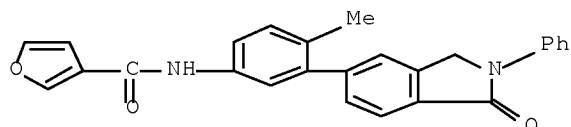
RN 918332-50-0 CAPLUS

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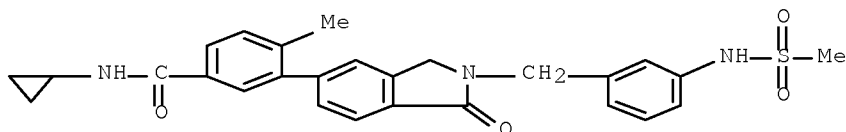
RN 918332-52-2 CAPLUS

CN 3-Furancarboxamide, N-[3-(2,3-dihydro-1-oxo-2-phenyl-1H-isoindol-5-yl)-4-methylphenyl]- (CA INDEX NAME)



RN 918332-62-4 CAPLUS

CN Benzamide, N-cyclopropyl-3-[2,3-dihydro-2-[[3-[(methylsulfonyl)amino]phenyl]methyl]-1-oxo-1H-isoindol-5-yl]-4-methyl- (CA INDEX NAME)



REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 2

ACCESSION NUMBER: 2005:732641 CAPLUS Full-text

DOCUMENT NUMBER: 143:211908  
 TITLE: Preparation of fused heteroaryl derivatives as p38 kinase inhibitors  
 INVENTOR(S): Patel, Vipulkumar Kantibhai; Swanson, Stephen  
 PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA  
 SOURCE: PCT Int. Appl., 54 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005073217	A1	20050811	WO 2005-GB266	20050127
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1709028	A1	20061011	EP 2005-702023	20050127
EP 1709028	B1	20081105		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR, IS				
JP 2007519693	T	20070719	JP 2006-550295	20050127
US 20070054942	A1	20070308	US 2006-587613	20060728
PRIORITY APPLN. INFO.:			GB 2004-2138	A 20040130
			WO 2005-GB266	W 20050127
OTHER SOURCE(S):			CASREACT 143:211908; MARPAT 143:211908	
GI				

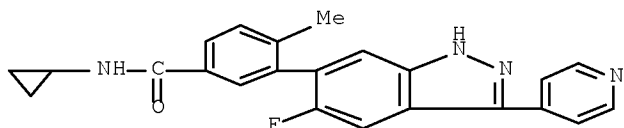
\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Title compds. I [A = (un)substituted fused 5-membered heteroaryl ring, R1 = Me or Cl; R2 = NHCOR3 or CONH(CH2)qR4; R3 = H, alkyl, CF3, etc.; R4 = H, cycloalkyl, alkyl, etc.; q = 0-2; X and Y independently = H, Me or halo] and their pharmaceutically acceptable salts, are prepared and disclosed as p38 kinase inhibitors. Thus, e.g., II was prepared by palladium catalyzed coupling of 6-bromo-5-fluoro-3-(4-pyridinyl)-1H-indazole (preparation given) with N-cyclopropyl-4-methyl-3-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzamide. The activity of I was evaluated in fluorescence anisotropy kinase binding assays and it was revealed that compds. of the invention displayed IC50 values of <10  $\mu$ M or pKi values of >6. I as p38 kinase inhibitor should prove useful in the treatment of disease states mediated by p38 kinase. Pharmaceutical compns. comprising I are disclosed.

IT ~~862098-61-1F~~ ~~862098-63-3F~~  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (preparation of fused heteroaryl derivs. as p38 kinase inhibitors)

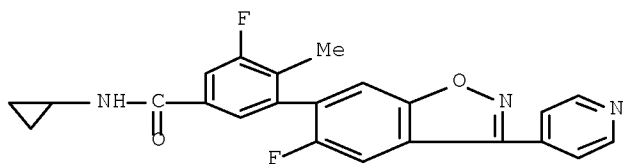
RN 862098-61-1 CAPLUS

CN Benzamide, N-cyclopropyl-3-[5-fluoro-3-(4-pyridinyl)-1H-indazol-6-yl]-4-methyl- (CA INDEX NAME)



RN 862098-63-3 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-5-[5-fluoro-3-(4-pyridinyl)-1,2-benzisoxazol-6-yl]-4-methyl- (CA INDEX NAME)



IT 862098-62-2P 862098-64-4P 862098-65-5P

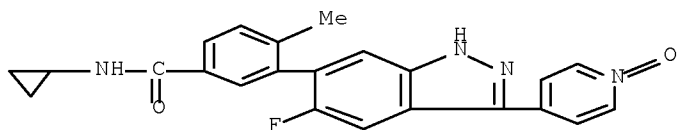
862098-66-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of fused heteroaryl derivs. as p38 kinase inhibitors)

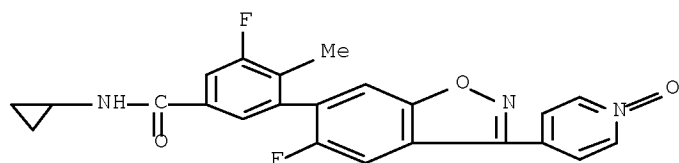
RN 862098-62-2 CAPLUS

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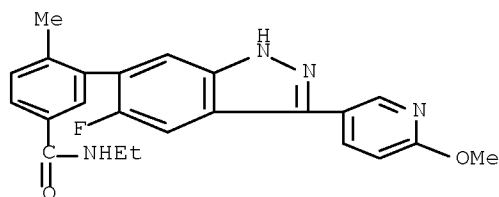
RN 862098-64-4 CAPLUS

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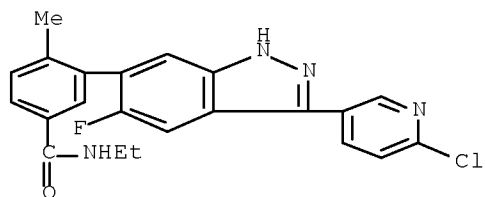
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CN Benzamide, N-ethyl-3-[5-fluoro-3-(6-methoxy-3-pyridinyl)-1H-indazol-6-yl]-4-methyl- (CA INDEX NAME)



RN 862098-66-6 CAPLUS

CN Benzamide, 3-[3-(6-chloro-3-pyridinyl)-5-fluoro-1H-indazol-6-yl]-N-ethyl-4-methyl- (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 3

ACCESSION NUMBER: 2005:729633 CAPLUS Full-text

DOCUMENT NUMBER: 143:211906

TITLE: Preparation of fused heteroaryl derivatives as p38 kinase inhibitors

INVENTOR(S): Bamborough, Paul; Campos, Sebastien Andre; Patel, Vipulkumar Kantibhai; Swanson, Stephen; Walker, Ann Louise

PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA

SOURCE: PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005073189	A1	20050811	WO 2005-GB265	20050127
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1708996	A1	20061011	EP 2005-702022	20050127
EP 1708996	B1	20080827		
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JP 2007519692	T	20070719	JP 2006-550294	20050127
AT 406351	T	20080915	AT 2005-702022	20050127
PRIORITY APPLN. INFO.:			GB 2004-2143	A 20040130
			WO 2005-GB265	W 20050127
OTHER SOURCE(S):	CASREACT 143:211906; MARPAT 143:211906			
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\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

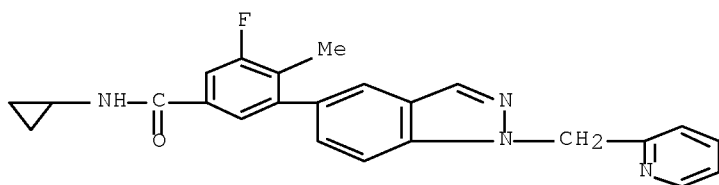
AB Title compds. I [A = (un)substituted fused 5-membered heteroaryl ring, R1 = Me or Cl; R2 = NHCOR3 or CONH(CH2)qR4; R3 = H, alkyl, CF3, etc.; R4 = H, cycloalkyl, alkyl, etc.; q = 0-2; X and Y independently = H, Me or halo] and their pharmaceutically acceptable salts, are prepared and disclosed as p38 kinase inhibitors. Thus, e.g., II was prepared by palladium catalyzed Suzuki coupling of 5-bromo-1-phenyl-1H-indazole (preparation given) with {5-[(cyclopropylamino)carbonyl]-3-fluoro-2-methylphenyl}boronic acid. The activity of I was evaluated in fluorescence anisotropy kinase binding assays and it was revealed that compds. of the invention displayed IC50 values of <10 µM or pKi values of >6. I as p38 kinase inhibitor should prove useful in the treatment of disease states mediated by p38 kinase. Pharmaceutical compns. comprising I are disclosed.

IT 861904-32-7P 861904-72-5P 861904-73-6P  
861904-94-1P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of fused heteroaryl derivs. as p38 kinase inhibitors)

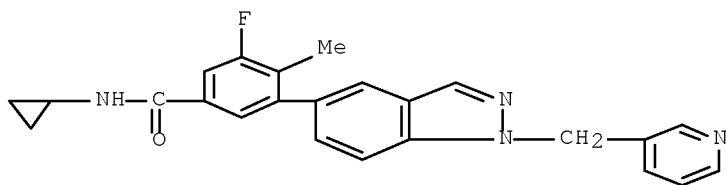
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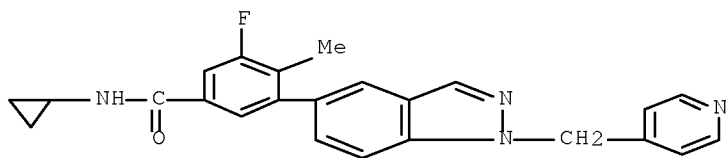
RN 861904-72-5 CAPLUS

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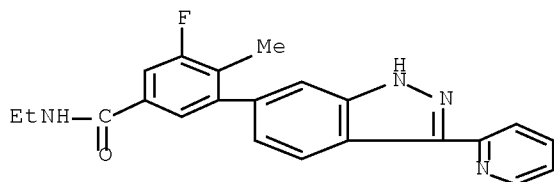
RN 861904-73-6 CAPLUS

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RN 861904-94-1 CAPLUS

CN Benzamide, N-ethyl-3-fluoro-4-methyl-5-[3-(2-pyridinyl)-1H-indazol-6-yl]- (CA INDEX NAME)



IT 861904-25-8P 861904-26-9P 861904-27-0P  
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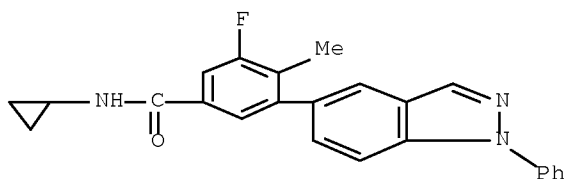
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 861905-17-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)

(preparation of fused heteroaryl derivs. as p38 kinase inhibitors)

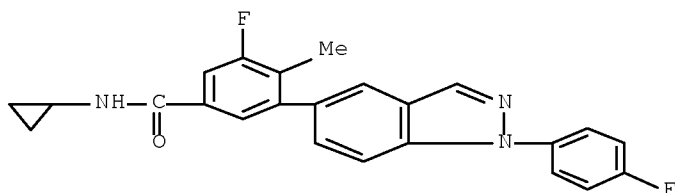
RN 861904-25-8 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-(1-phenyl-1H-indazol-5-yl)-  
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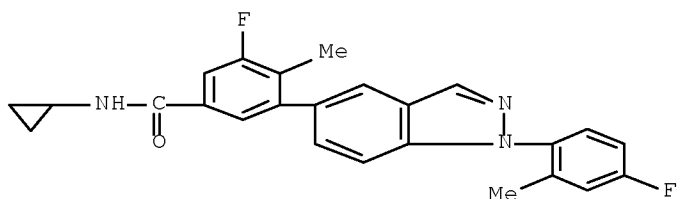
RN 861904-26-9 CAPLUS

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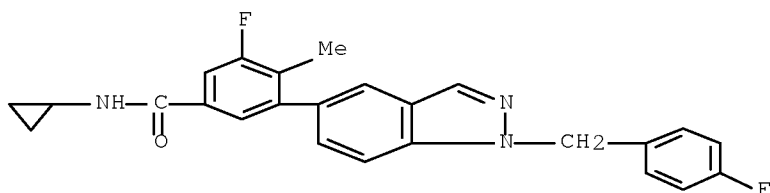
RN 861904-27-0 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-5-[1-(4-fluoro-2-methylphenyl)-1H-indazol-5-yl]-4-methyl- (CA INDEX NAME)



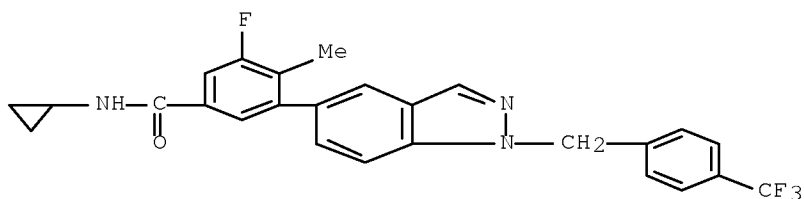
RN 861904-28-1 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-5-[1-[(4-fluorophenyl)methyl]-1H-indazol-5-yl]-4-methyl- (CA INDEX NAME)



RN 861904-29-2 CAPLUS

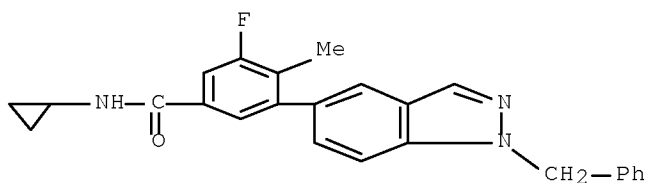
CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-[[4-(trifluoromethyl)phenyl]methyl]-1H-indazol-5-yl]- (CA INDEX NAME)



RN 861904-30-5 CAPLUS

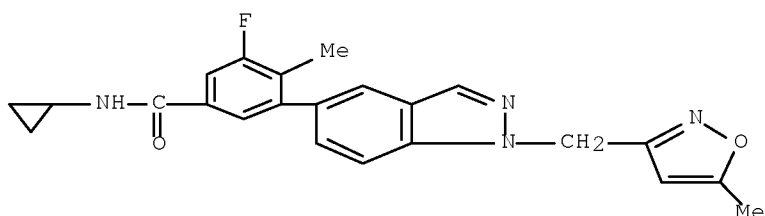
CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-(phenylmethyl)-1H-indazol-5-yl]- (CA INDEX NAME)





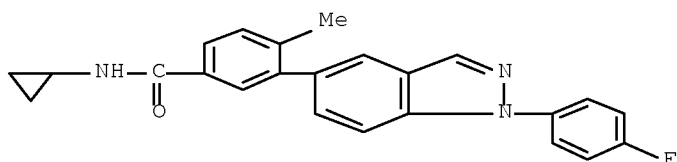
RN 861904-31-6 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-[(5-methyl-3-isoxazolyl)methyl]-1H-indazol-5-yl]- (CA INDEX NAME)



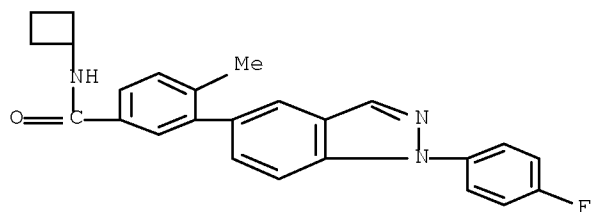
RN 861904-33-8 CAPLUS

CN Benzamide, N-cyclopropyl-3-[1-(4-fluorophenyl)-1H-indazol-5-yl]-4-methyl- (CA INDEX NAME)



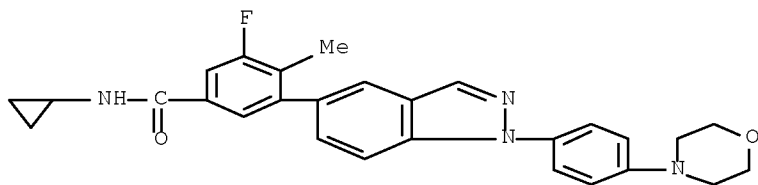
RN 861904-34-9 CAPLUS

CN Benzamide, N-cyclobutyl-3-[1-(4-fluorophenyl)-1H-indazol-5-yl]-4-methyl- (CA INDEX NAME)



RN 861904-35-0 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-[4-(4-morpholinyl)phenyl]-1H-indazol-5-yl]- (CA INDEX NAME)



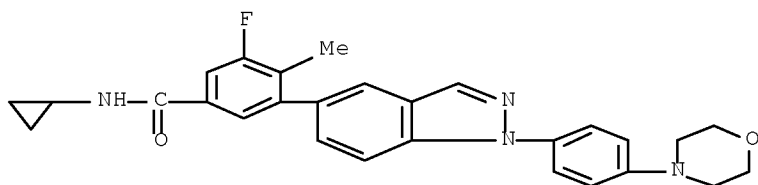
RN 861904-36-1 CAPLUS

CN Formic acid, compd. with N-cyclopropyl-3-fluoro-4-methyl-5-[1-[4-(4-morpholinyl)phenyl]-1H-indazol-5-yl]benzamide (1:1) (CA INDEX NAME)

CM 1

CRN 861904-35-0

CMF C28 H27 F N4 O2



CM 2

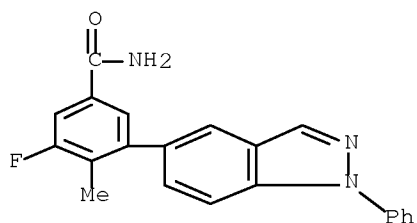
CRN 64-18-6

CMF C H2 O2



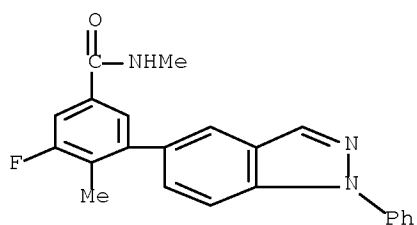
RN 861904-37-2 CAPLUS

CN Benzamide, 3-fluoro-4-methyl-5-(1-phenyl-1H-indazol-5-yl)- (CA INDEX NAME)



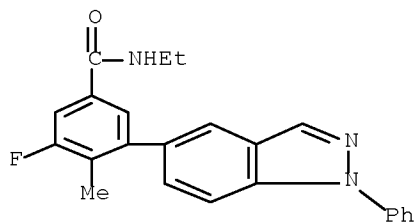
RN 861904-38-3 CAPLUS

CN Benzamide, 3-fluoro-N,4-dimethyl-5-(1-phenyl-1H-indazol-5-yl)- (CA INDEX NAME)



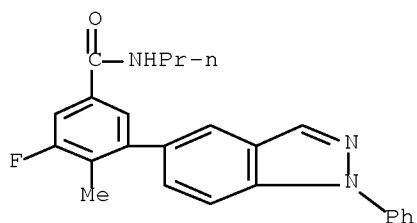
RN 861904-39-4 CAPLUS

CN Benzamide, N-ethyl-3-fluoro-4-methyl-5-(1-phenyl-1H-indazol-5-yl)- (CA INDEX NAME)



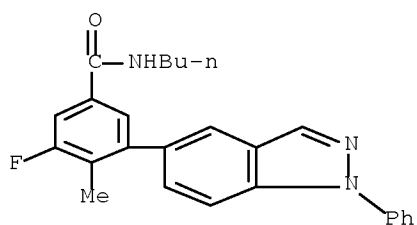
RN 861904-40-7 CAPLUS

CN Benzamide, 3-fluoro-4-methyl-5-(1-phenyl-1H-indazol-5-yl)-N-propyl- (CA INDEX NAME)



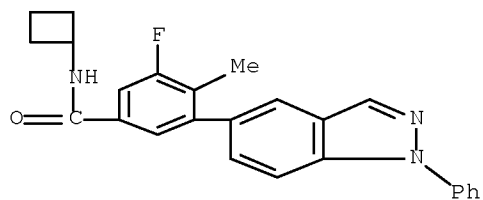
RN 861904-41-8 CAPLUS

CN Benzamide, N-butyl-3-fluoro-4-methyl-5-(1-phenyl-1H-indazol-5-yl)- (CA INDEX NAME)



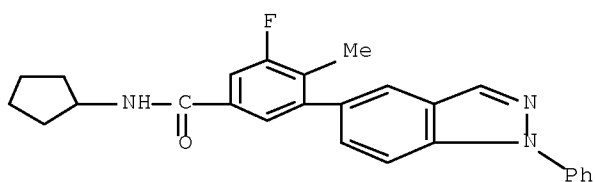
RN 861904-42-9 CAPLUS

CN Benzamide, N-cyclobutyl-3-fluoro-4-methyl-5-(1-phenyl-1H-indazol-5-yl)- (CA INDEX NAME)

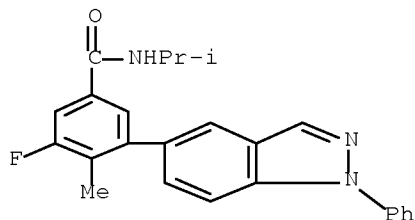


RN 861904-43-0 CAPLUS

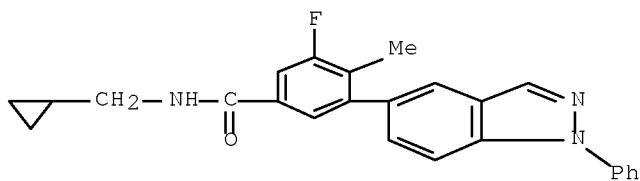
CN Benzamide, N-cyclopentyl-3-fluoro-4-methyl-5-(1-phenyl-1H-indazol-5-yl)- (CA INDEX NAME)



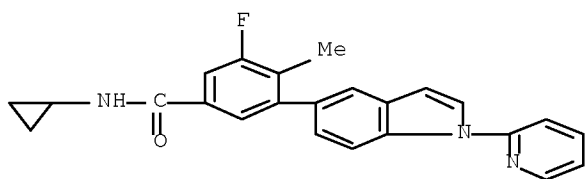
RN 861904-44-1 CAPLUS  
CN Benzamide, 3-fluoro-4-methyl-N-(1-methylethyl)-5-(1-phenyl-1H-indazol-5-yl)- (CA INDEX NAME)



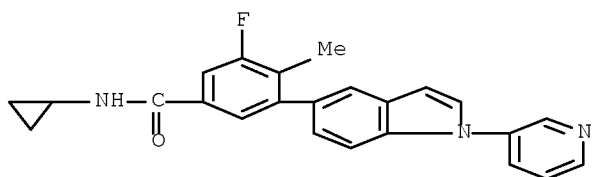
RN 861904-45-2 CAPLUS  
CN Benzamide, N-(cyclopropylmethyl)-3-fluoro-4-methyl-5-(1-phenyl-1H-indazol-5-yl)- (CA INDEX NAME)



RN 861904-46-3 CAPLUS  
CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-(2-pyridinyl)-1H-indol-5-yl]- (CA INDEX NAME)

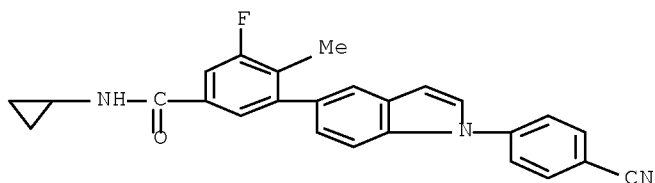


RN 861904-47-4 CAPLUS  
CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-(3-pyridinyl)-1H-indol-5-yl]- (CA INDEX NAME)



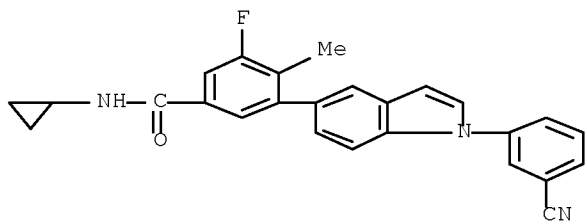
RN 861904-48-5 CAPLUS

CN Benzamide, 3-[1-(4-cyanophenyl)-1H-indol-5-yl]-N-cyclopropyl-5-fluoro-4-methyl- (CA INDEX NAME)



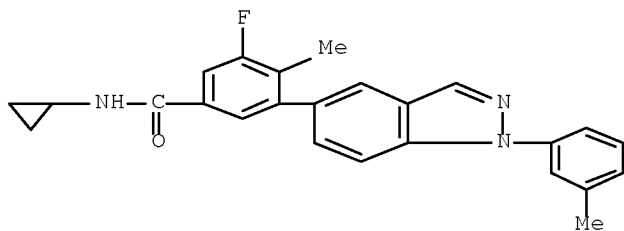
RN 861904-49-6 CAPLUS

CN Benzamide, 3-[1-(3-cyanophenyl)-1H-indol-5-yl]-N-cyclopropyl-5-fluoro-4-methyl- (CA INDEX NAME)



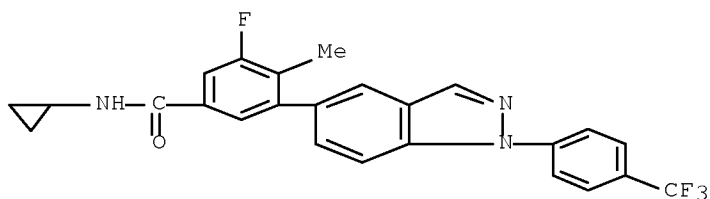
RN 861904-50-9 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-(3-methylphenyl)-1H-indazol-5-yl]- (CA INDEX NAME)



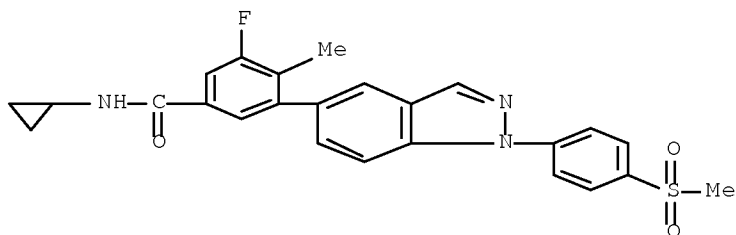
RN 861904-51-0 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-[4-(trifluoromethyl)phenyl]-1H-indazol-5-yl]- (CA INDEX NAME)



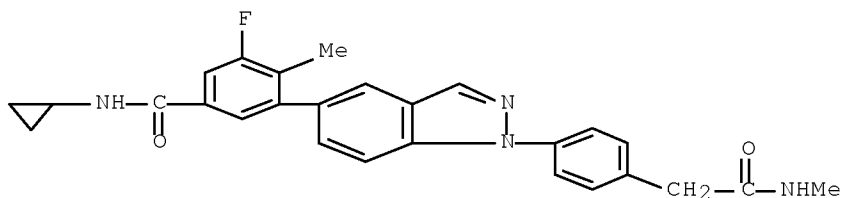
RN 861904-52-1 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-[4-(methylsulfonyl)phenyl]-1H-indazol-5-yl]- (CA INDEX NAME)



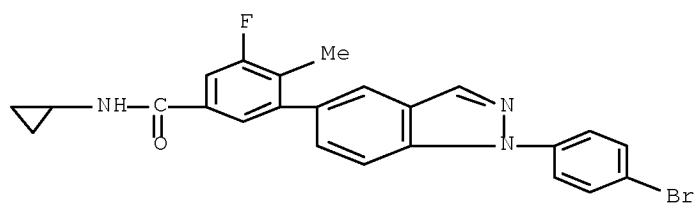
RN 861904-53-2 CAPLUS

CN Benzeneacetamide, 4-[5-[5-[(cyclopropylamino)carbonyl]-3-fluoro-2-methylphenyl]-1H-indazol-1-yl]-N-methyl- (CA INDEX NAME)



RN 861904-54-3 CAPLUS

CN Benzamide, 3-[1-(4-bromophenyl)-1H-indazol-5-yl]-N-cyclopropyl-5-fluoro-4-methyl- (CA INDEX NAME)



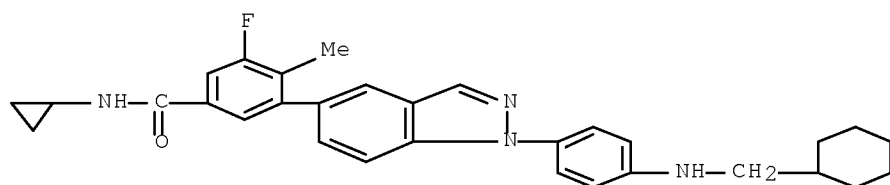
RN 861904-56-5 CAPLUS

CN Formic acid, compd. with 3-[1-[4-[(cyclohexylmethyl)amino]phenyl]-1H-indazol-5-yl]-N-cyclopropyl-5-fluoro-4-methylbenzamide (1:1) (CA INDEX NAME)

CM 1

CRN 861904-55-4

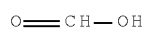
CMF C31 H33 F N4 O



CM 2

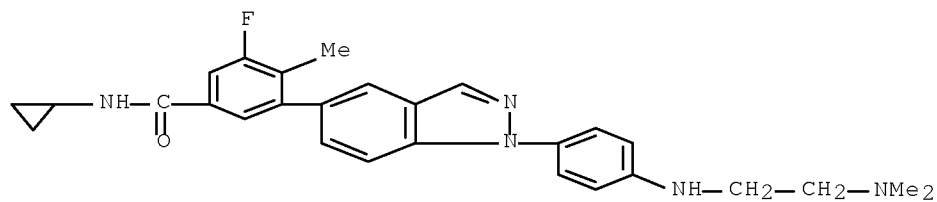
CRN 64-18-6

CMF C H2 O2



RN 861904-57-6 CAPLUS

CN Benzamide, N-cyclopropyl-3-[1-[4-[[2-(dimethylamino)ethyl]amino]phenyl]-1H-indazol-5-yl]-5-fluoro-4-methyl- (CA INDEX NAME)

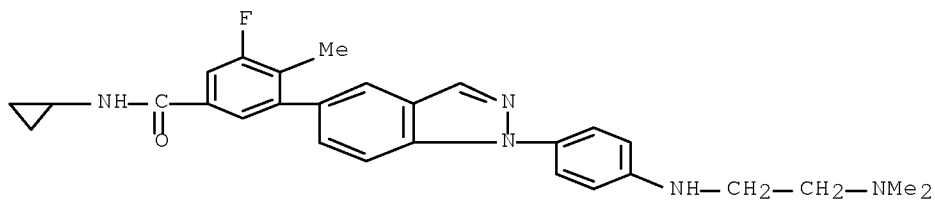




RN 861904-58-7 CAPLUS  
 CN Formic acid, compd. with N-cyclopropyl-3-[1-[4-[[2-(dimethylamino)ethyl]amino]phenyl]-1H-indazol-5-yl]-5-fluoro-4-methylbenzamide (2:1) (CA INDEX NAME)

CM 1

CRN 861904-57-6  
 CMF C28 H30 F N5 O

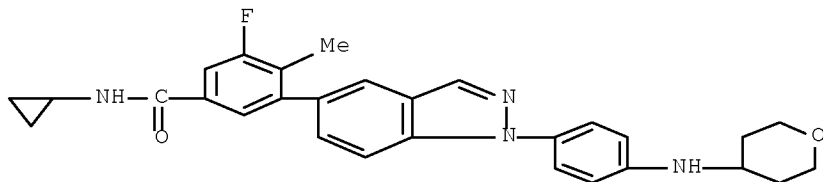


CM 2

CRN 64-18-6  
 CMF C H2 O2



RN 861904-59-8 CAPLUS  
 CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-[4-[(tetrahydro-2H-pyran-4-yl)amino]phenyl]-1H-indazol-5-yl]- (CA INDEX NAME)

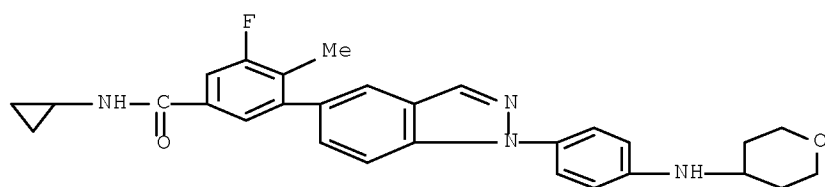


RN 861904-60-1 CAPLUS  
 CN Formic acid, compd. with N-cyclopropyl-3-fluoro-4-methyl-5-[1-[4-[(tetrahydro-2H-pyran-4-yl)amino]phenyl]-1H-indazol-5-yl]benzamide (1:1) (CA INDEX NAME)

CM 1

CRN 861904-59-8

CMF C29 H29 F N4 O2



CM 2

CRN 64-18-6

CMF C H2 O2



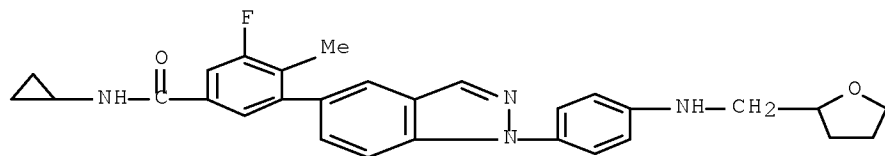
RN 861904-62-3 CAPLUS

CN Formic acid, compd. with N-cyclopropyl-3-fluoro-4-methyl-5-[1-[4-  
 [[ (tetrahydro-2-furanyl)methyl]amino]phenyl]-1H-indazol-5-yl]benzamide  
 (1:1) (CA INDEX NAME)

CM 1

CRN 861905-17-1

CMF C29 H29 F N4 O2



CM 2

CRN 64-18-6

CMF C H2 O2



RN 861904-64-5 CAPLUS

CN Formic acid, compd. with N-cyclopropyl-3-fluoro-5-[1-[4-[(2-

10/587,790

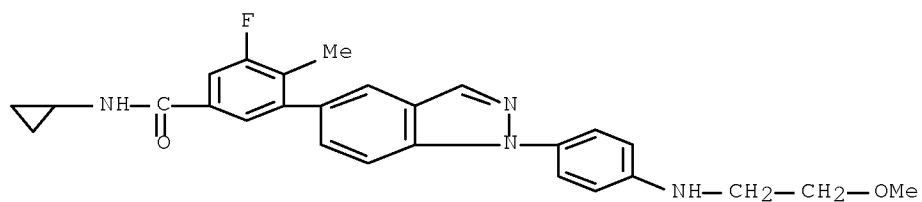
November 26, 2008

methoxyethyl)amino]phenyl]-1H-indazol-5-yl]-4-methylbenzamide (1:1) (CA INDEX NAME)

CM 1

CRN 861904-63-4

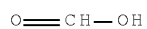
CMF C27 H27 F N4 O2



CM 2

CRN 64-18-6

CMF C H2 O2



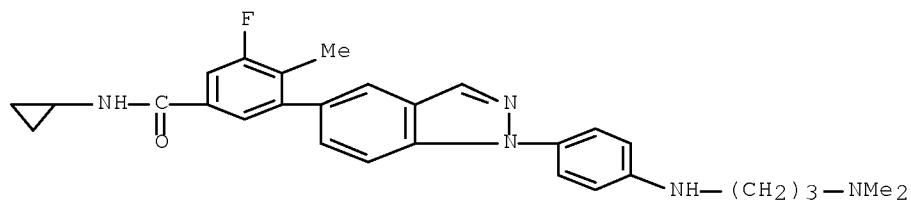
RN 861904-66-7 CAPLUS

CN Formic acid, compd. with N-cyclopropyl-3-[1-[4-[[3-(dimethylamino)propyl]amino]phenyl]-1H-indazol-5-yl]-5-fluoro-4-methylbenzamide (2:1) (CA INDEX NAME)

CM 1

CRN 861904-65-6

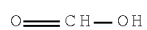
CMF C29 H32 F N5 O



CM 2

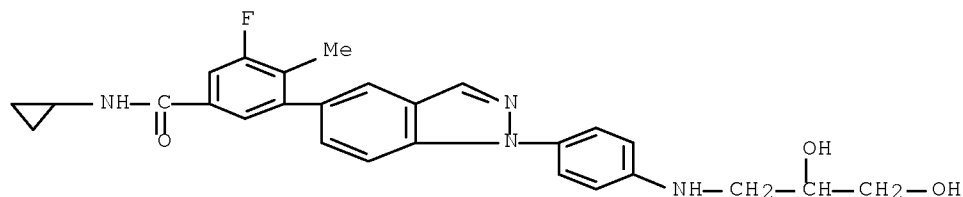
CRN 64-18-6

CMF C H2 O2



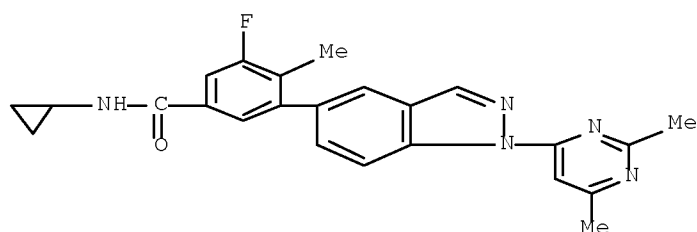
RN 861904-67-8 CAPLUS

CN Benzamide, N-cyclopropyl-3-[1-[4-[(2,3-dihydroxypropyl)amino]phenyl]-1H-indazol-5-yl]-5-fluoro-4-methyl- (CA INDEX NAME)



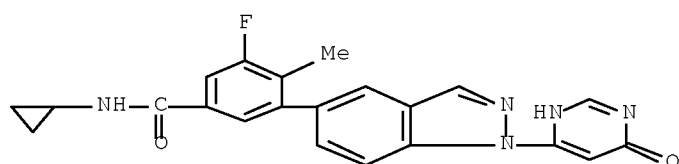
RN 861904-68-9 CAPLUS

CN Benzamide, N-cyclopropyl-3-[1-(2,6-dimethyl-4-pyrimidinyl)-1H-indazol-5-yl]-5-fluoro-4-methyl- (CA INDEX NAME)



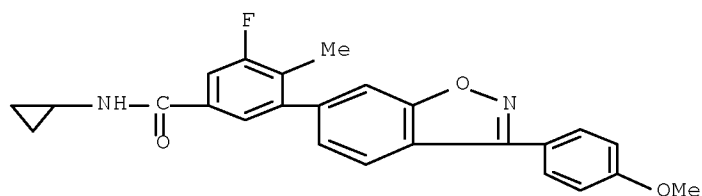
RN 861904-69-0 CAPLUS

CN Benzamide, N-cyclopropyl-3-[1-(1,6-dihydro-6-oxo-4-pyrimidinyl)-1H-indazol-5-yl]-5-fluoro-4-methyl- (CA INDEX NAME)



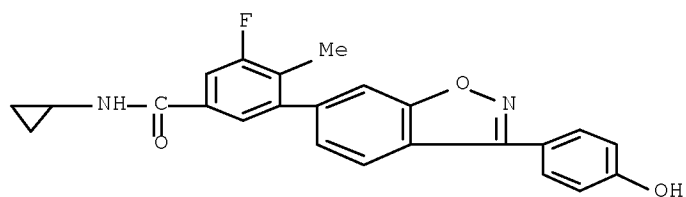
RN 861904-70-3 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-5-[3-(4-methoxyphenyl)-1,2-benzisoxazol-6-yl]-4-methyl- (CA INDEX NAME)



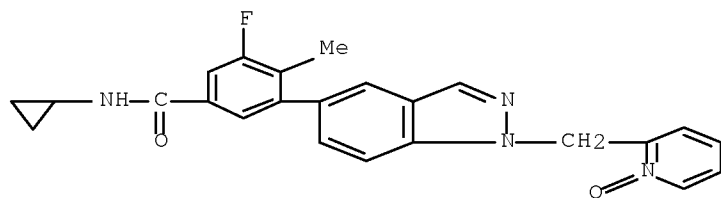
RN 861904-71-4 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-5-[3-(4-hydroxyphenyl)-1,2-benzisoxazol-6-yl]-4-methyl- (CA INDEX NAME)



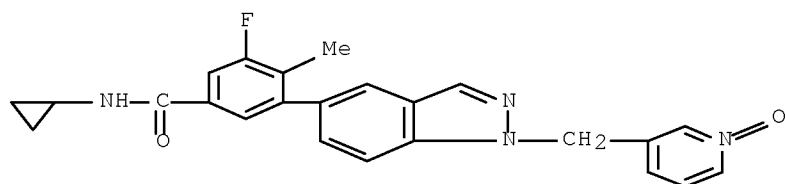
RN 861904-75-8 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-[(1-oxido-2-pyridinyl)methyl]-1H-indazol-5-yl]- (CA INDEX NAME)



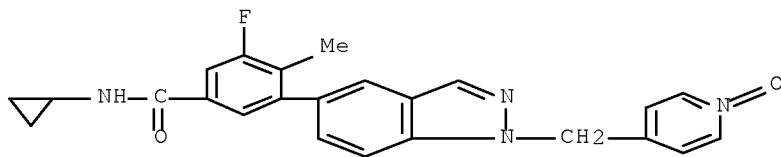
RN 861904-76-9 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-[(1-oxido-3-pyridinyl)methyl]-1H-indazol-5-yl]- (CA INDEX NAME)



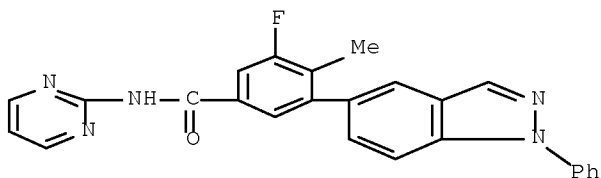
RN 861904-77-0 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-[(1-oxido-4-pyridinyl)methyl]-1H-indazol-5-yl]- (CA INDEX NAME)



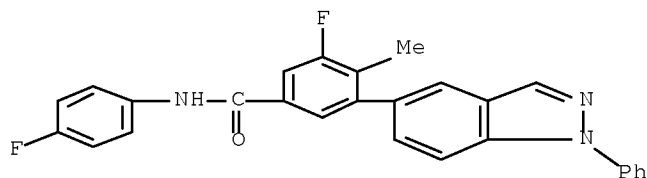
RN 861904-78-1 CAPLUS

CN Benzamide, 3-fluoro-4-methyl-5-(1-phenyl-1H-indazol-5-yl)-N-2-pyrimidinyl- (CA INDEX NAME)



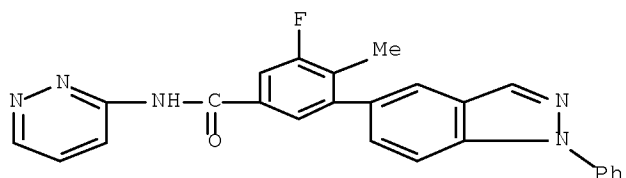
RN 861904-79-2 CAPLUS

CN Benzamide, 3-fluoro-N-(4-fluorophenyl)-4-methyl-5-(1-phenyl-1H-indazol-5-yl)- (CA INDEX NAME)



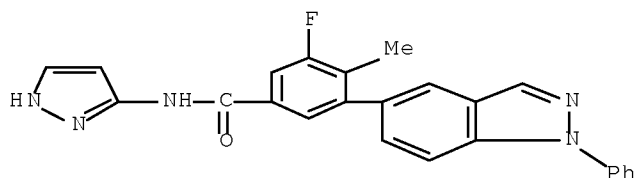
RN 861904-80-5 CAPLUS

CN Benzamide, 3-fluoro-4-methyl-5-(1-phenyl-1H-indazol-5-yl)-N-3-pyridazinyl- (CA INDEX NAME)



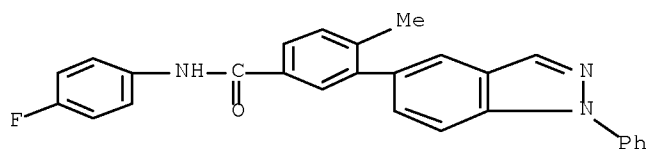
RN 861904-81-6 CAPLUS

CN Benzamide, 3-fluoro-4-methyl-5-(1-phenyl-1H-indazol-5-yl)-N-1H-pyrazol-3-yl- (CA INDEX NAME)



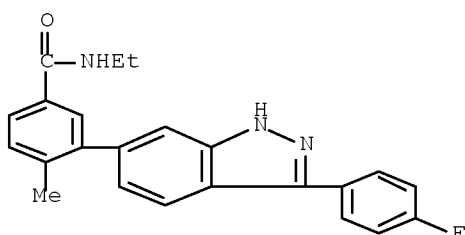
RN 861904-82-7 CAPLUS

CN Benzamide, N-(4-fluorophenyl)-4-methyl-3-(1-phenyl-1H-indazol-5-yl)- (CA INDEX NAME)



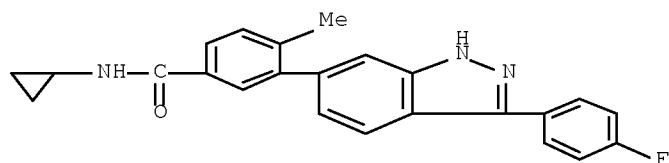
RN 861904-83-8 CAPLUS

CN Benzamide, N-ethyl-3-[3-(4-fluorophenyl)-1H-indazol-6-yl]-4-methyl- (CA INDEX NAME)



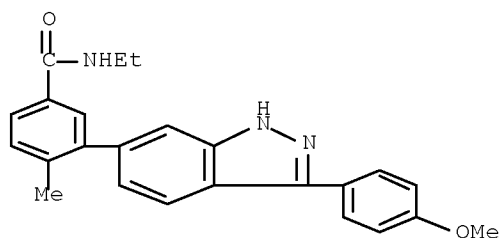
RN 861904-84-9 CAPLUS

CN Benzamide, N-cyclopropyl-3-[3-(4-fluorophenyl)-1H-indazol-6-yl]-4-methyl- (CA INDEX NAME)



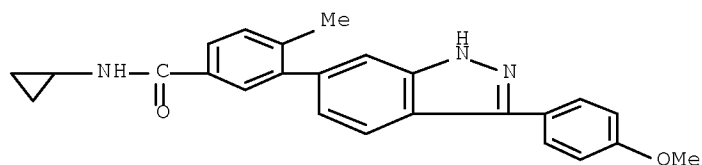
RN 861904-85-0 CAPLUS

CN Benzamide, N-ethyl-3-[3-(4-methoxyphenyl)-1H-indazol-6-yl]-4-methyl- (CA INDEX NAME)



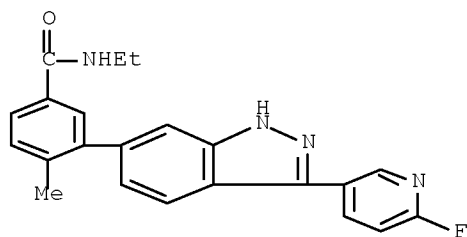
RN 861904-86-1 CAPLUS

CN Benzamide, N-cyclopropyl-3-[3-(4-methoxyphenyl)-1H-indazol-6-yl]-4-methyl- (CA INDEX NAME)



RN 861904-87-2 CAPLUS

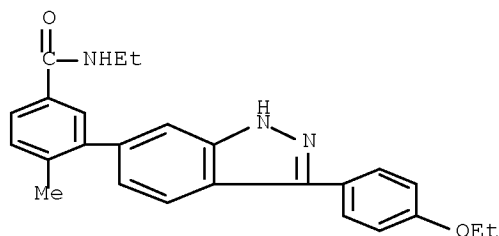
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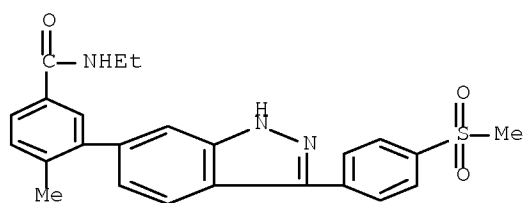
RN 861904-88-3 CAPLUS

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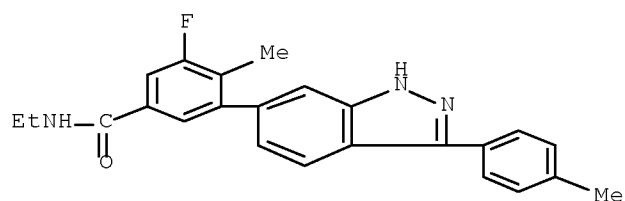
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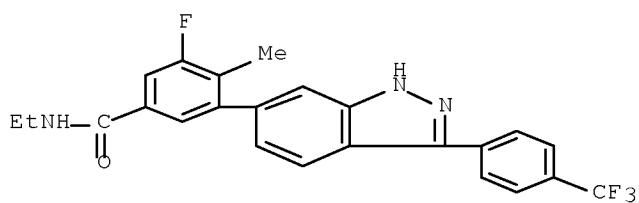
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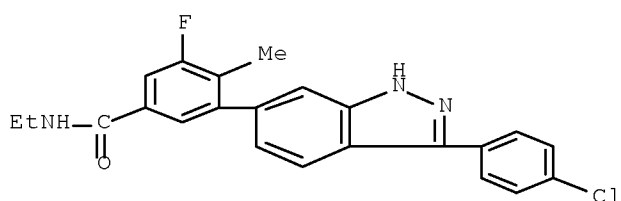
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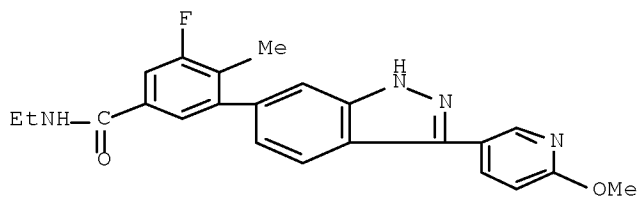
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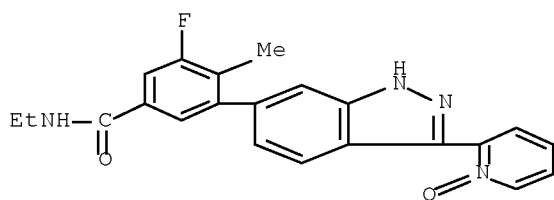
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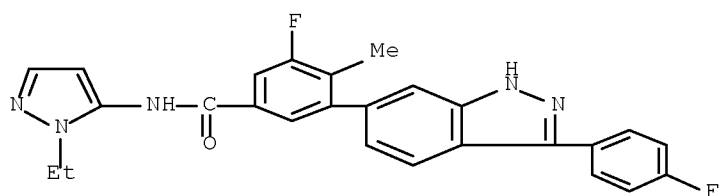
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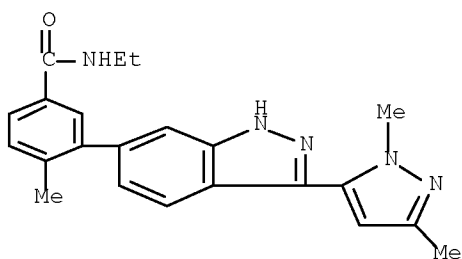
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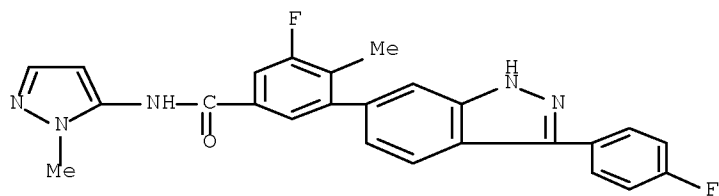
RN 861904-97-4 CAPLUS

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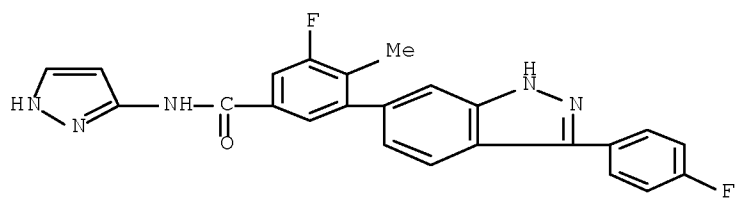
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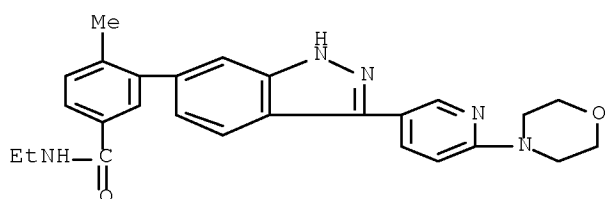
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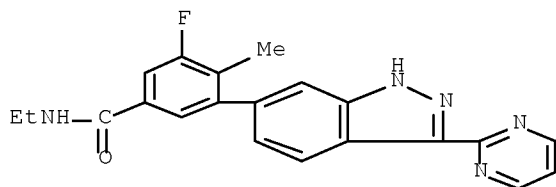
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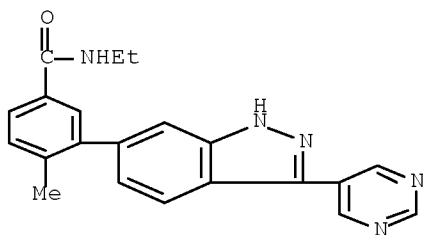
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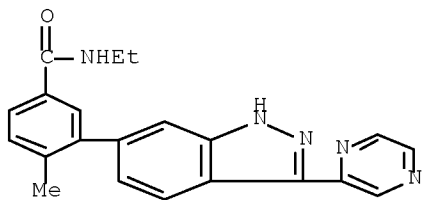
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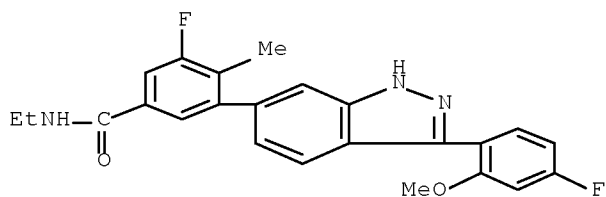
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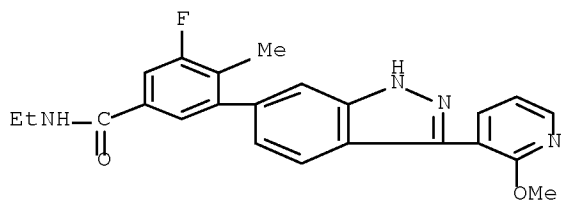
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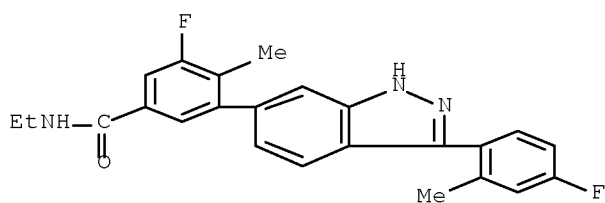
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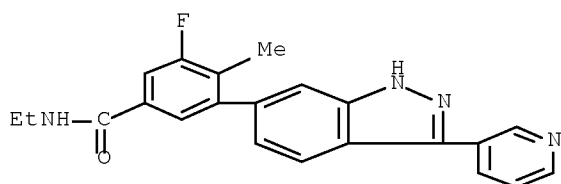
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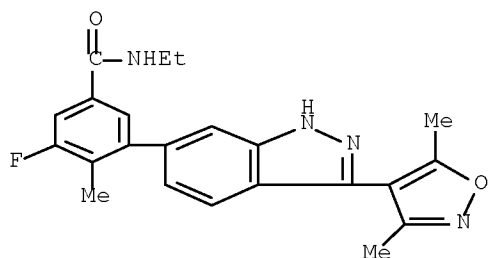
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(CA INDEX NAME)



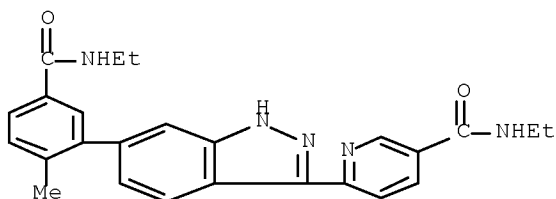
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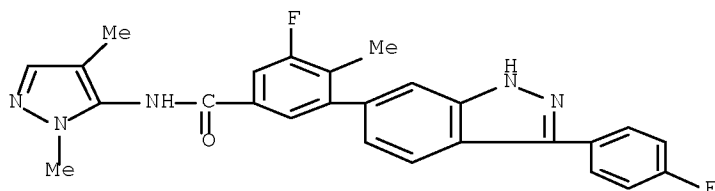
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CN 3-Pyridinecarboxamide, N-ethyl-6-[6-[5-[(ethylamino)carbonyl]-2-methylphenyl]-1H-indazol-3-yl]- (CA INDEX NAME)



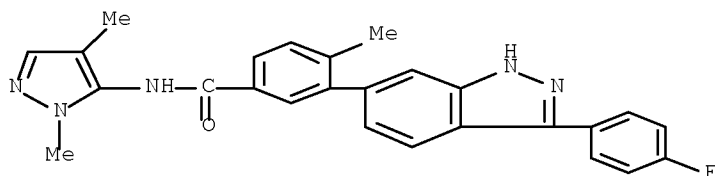
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CN Benzamide, N-(1,4-dimethyl-1H-pyrazol-5-yl)-3-fluoro-5-[3-(4-fluorophenyl)-1H-indazol-6-yl]-4-methyl- (CA INDEX NAME)



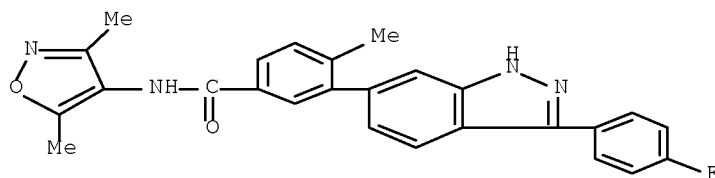
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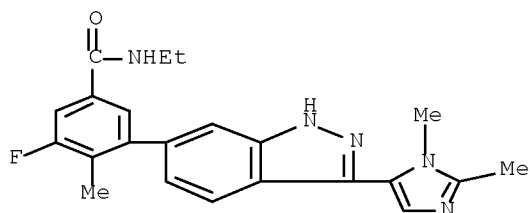
RN 861905-12-6 CAPLUS

CN Benzamide, N-(3,5-dimethyl-4-isoxazolyl)-3-[3-(4-fluorophenyl)-1H-indazol-6-yl]-4-methyl- (CA INDEX NAME)



RN 861905-13-7 CAPLUS

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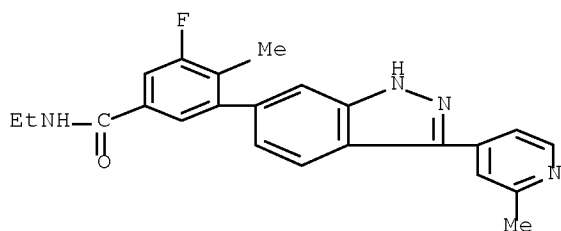
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CN Formic acid, compd. with N-ethyl-3-fluoro-4-methyl-5-[3-(2-methyl-4-pyridinyl)-1H-indazol-6-yl]benzamide (1:1) (CA INDEX NAME)

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CRN 861905-14-8

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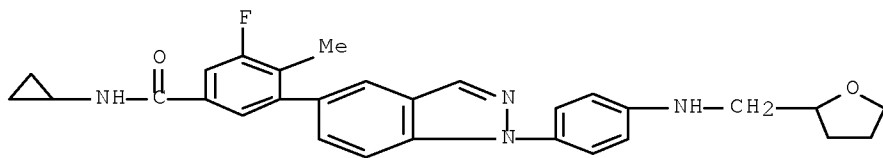
CRN 64-18-6

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RN 861905-17-1 CAPLUS

CN Benzamide, N-cyclopropyl-3-fluoro-4-methyl-5-[1-[4-[[ (tetrahydro-2-furanyl)methyl]amino]phenyl]-1H-indazol-5-yl]- (CA INDEX NAME)





REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2005:732643 CAPLUS Full-text  
 DOCUMENT NUMBER: 143:193999  
 TITLE: Preparation of fused heteroaryl derivatives as p38 kinase inhibitors  
 INVENTOR(S): Campos, Sebastien Andre; Swanson, Stephen; Walker, Ann Louise  
 PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA  
 SOURCE: PCT Int. Appl., 59 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005073219	A1	20050811	WO 2005-GB281	20050127
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RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1745038	A1	20070124	EP 2005-702034	20050127
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR, LV			
JP 2007519695	T	20070719	JP 2006-550298	20050127
US 20070142372	A1	20070621	US 2006-587614	20060728
PRIORITY APPLN. INFO.:			GB 2004-2140	A 20040130
			WO 2005-GB281	W 20050127
OTHER SOURCE(S):		CASREACT 143:193999; MARPAT 143:193999		
GI				

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Title compds. I [A = (un)substituted fused 5-membered heteroaryl ring, R1 = Me or Cl; R2 = NHCOR3 or CONH(CH2)qR4; R3 = H, alkyl, CF3, etc.; R4 = H, cycloalkyl, alkyl, etc.; q = 0-2; X and Y independently = H, Me or halo] and their pharmaceutically acceptable salts, are prepared and disclosed as p38 kinase inhibitors. Thus, e.g., II was prepared by coupling of N-cyclopropyl-3-fluoro-5-(1H-indazol-5-yl)-4-methylbenzamide (preparation given) with 2-(bromomethyl)tetrahydro-2H-pyran. The activity of I was evaluated in fluorescence anisotropy kinase binding assays and it was revealed that compds. of the invention displayed IC50 values of <10 µM or pKi values of >6. I as p38 kinase inhibitor should prove useful in the treatment of disease states mediated by p38 kinase. Pharmaceutical compns. comprising I are disclosed.

IT ~~861972-61-4P~~ ~~861972-62-5P~~ ~~861972-63-8P~~

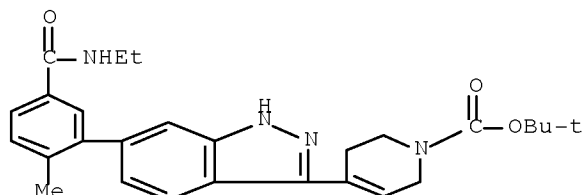
861972-66-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of fused heteroaryl derivs. as p38 kinase inhibitors)

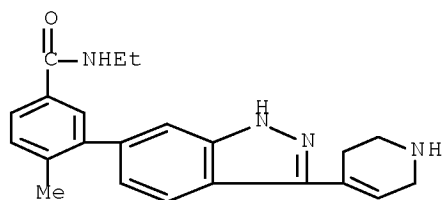
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CN 1(2H)-Pyridinecarboxylic acid, 4-[6-[5-[(ethylamino)carbonyl]-2-methylphenyl]-1H-indazol-3-yl]-3,6-dihydro-, 1,1-dimethylethyl ester (CA INDEX NAME)



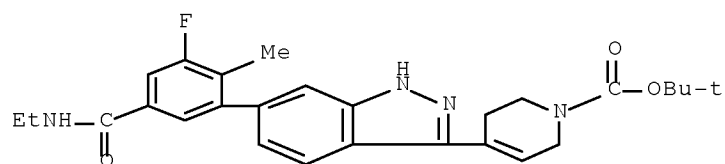
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CN Benzamide, N-ethyl-4-methyl-3-[3-(1,2,3,6-tetrahydro-4-pyridinyl)-1H-indazol-6-yl]- (CA INDEX NAME)



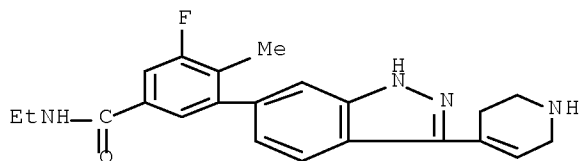
RN 861972-65-8 CAPLUS

CN 1(2H)-Pyridinecarboxylic acid, 4-[6-[5-[(ethylamino)carbonyl]-3-fluoro-2-methylphenyl]-1H-indazol-3-yl]-3,6-dihydro-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 861972-66-9 CAPLUS

CN Benzamide, N-ethyl-3-fluoro-4-methyl-5-[3-(1,2,3,6-tetrahydro-4-pyridinyl)-1H-indazol-6-yl]- (CA INDEX NAME)



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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D QUE L9

FILE 'WPIX' ENTERED AT 15:26:39 ON 26 NOV 2008

D QUE L19

FILE 'CAPLUS, WPIX' ENTERED AT 15:26:47 ON 26 NOV 2008

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ANSWERS '1-4' FROM FILE CAPLUS

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